

Brandon Luong

bluong@ucdavis.edu • linkedin.com/in/brandonsluong • github.com/byluong • brandonluong.tech

OBJECTIVE

CS Junior seeking a software development internship for Summer 2017.

EDUCATION

University of California, Davis

Bachelor of Science, Computer Science

Davis, CA

Expected Jun 2018

- Major GPA: 3.589, Cumulative GPA: 3.572, Dean's Honor List: Winter 2016

SKILLS

Programming Languages: CSS, HTML, C++, C, Java, Intel x86 Assembly, Lisp, Prolog, Autohotkey, SQL

PROJECTS

Eventr (Prototype): Won 2nd place at CITRIS Mobile App Challenge. Pulls emails from UC Davis Listservs and extracts relevant data for students to discover internships, company info sessions, and other career-related events.

Exercise with Alexa (Javascript): Personal fitness coach with a twist. Built using an Amazon Echo, Alexa, Javascript, and AWS Lambda Functions at HackDavis 2017.

FakeU (PostgreSQL): University class database implemented in PostgreSQL.

Theta Tau Website (MySQL): Developing MySQL backend for fraternity's website. HTML, Javascript, and Squarespace.

Eparser (Java): Translates a fictional language, E, to compile-ready Java code. Extensive use of EBNF grammar and syntax.

AutoScan (Autohotkey): Automated scanning of sensitive medical documents into Amazing Charts's medical record database.

Funix (C++): Recreation of UNIX shell and CLI. Directories, permissions, timestamps, I/O from files. cp, mkdir, ls, rm supported.

CityWiden (C++): Street widening simulator to improve efficiency and mileage of 10,000 vehicle trips in a city, using Dijkstra's.

TurnSafe: Cost efficient LED turn signals for bikes by detecting flexing tendons in your arm. Myo Armband SDK, HackDavis 2016.

WORK & INTERNSHIP EXPERIENCE

Accenture

Houston, TX

Enable Midstream, Infrastructure Analyst

Jun 2016 – Sept 2016

- Migrated 40 servers and over 2000 users to new data centers using PowerShell, SCCM, and SQL / Visual Basic scripts
- Performed network traffic profiling and developed security rules for Palo Alto firewall systems in a zero trust environment
- Resolved over 300 tickets related to network drives, VPN issues, print servers, and industrial Gas and Pipeline software

Luong MD Family Practice

Berkeley, CA

Technical Support Consultant

Jun 2015 – Jan 2016

- Upgraded outdated paper medical record-keeping to Amazing Charts, an electronic medical record software (EMHR)
- Implemented HIPAA-compliant cloud backup system and Autohotkey scripts to replace software, saving thousands of dollars
- Guided and trained Dr. Luong and her staff on proper usage, maintenance, and self-reliance
- Performed remote technical support and managed sensitive medical records of more than 500 patients

GS Granite Cabinet Expo

Hayward, CA

Web Programmer

May 2013 – Aug 2013

- Redesigned website for local small business using CSS, HTML, Google Maps API, Bootstrap's Carousel, jQuery, and Photoshop
- Communicated successfully with business owners across language barriers, explaining logistics and technology in Cantonese
- Established a long term plan with teammates to show how the owners could implement website into their business model

LEADERSHIP & ACTIVITIES

Theta Tau – Professional Engineering Fraternity

Davis, CA

President, Scribe, Webmaster, Public Relations, Historian

Sept 2014 – present

- Led 40+ members in weekly meetings and communicated regularly with Nationals as part of our chapter's executive board
- Designed and produced flyers, pocket tees, and visual assets for our Fall Recruitment with Photoshop and Illustrator CS6
- Advertised and promoted our Mock Interviews, FE/EIT info sessions, and Professional Development events through social media